



June 17, 2013

ROTH GLOBAL PLASTICS, INC.  
BRUCE A. STOWE  
PO BOX 245  
SYRACUSE NY 13211

Re: Description: SEWAGE TANKS, POLYETHYLENE  
Manufacturer: ROTH GLOBAL PLASTICS, INC.  
Product Name: SEPTIC, HOLDING OR PUMP  
Model Number(s): RMT- 1000E  
(41" L.L., SEE TABLE 1 FOR GAL/IN., 36" MAX. DEPTH OF BURY, 479 G.P.D. WHEN  
USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL  
WASTEWATER)  
Product File No: 20130119

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of June 2018.**

This approval supersedes the approval issued on 6/18/2008 under product file number 20080222.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20080222.

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- The manhole cover must be secured to the riser using screws which are not standard or phillips head to be considered an effective locking device.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 greater than 30 mg/L but less than or equal to 220 mg/L, TSS greater than 30 mg/L but less than or equal to 150 mg/L and F.O.G. less than or equal to 30 mg/L.
- The tank is not recommended to be installed where saturated soil or seasonal high ground water tables are indicated between the bottom of the tank and the ground surface.
- The tank shall not be buried greater than 36 inches below grade.
- BEDDING: This tank must be set on approximately 6 inches of pea gravel or sand in the bottom of the excavation.

- Backfill material soil shall flow freely into corrugations between tank ribs. The backfill must be compacted in 6 inch lifts.
- The inlet and outlet baffles must be located directly below their respective manhole opening.
- This product may be installed using the following inlet/out combinations that provide at least 92 inches between baffles.
- When this tank is installed with the optional partition wall, the wall must be installed by the manufacturer and installed in the rib that is located approximately 2/3 of the tank length when measured from the inlet end of the tank.

Table 1 Capacity Chart  
ST-1000E  
Gallons per Inch

Height (inches)	Gallons in Tank	/	Height (inches)	Gallons in Tank
1	7		26	608
2	13		27	636
3	24		28	663
4	35		29	691
5	52		30	719
6	68		31	749
7	92		32	779
8	115		33	806
9	139		34	833
10	163		35	861
11	186		36	888
12	208		37	915
13	241		38	941
14	273		39	966
15	302		40	990
16	330		41	1009
17	357		42	1028
18	383		43	1051
19	411		44	1073
20	438		45	1093
21	468		46	1113
22	498		47	1130
23	528		48	1147
24	558		49	1154
25	583		50	1161

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen A. Jones  
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